ABSTRACT

An RV pattern selection section (103) stores at least
two RV parameter tables, for QPSK and 16QAM, selects a
corresponding RV parameter Xrv from the RV parameter
tables based on a correlation between an estimated
transmission count input from a transmission count
estimation section (101) and a coding rate input from
a coding rate calculation section (102) and outputs the
RV parameter Xrv to a channel coding section (104). The
channel coding section (104) changes a rate matching
pattern of transmission data and constellation
rearrangement (applicable to 16QAM only) based on the
RV parameter Xrv input from the RV pattern selection
section (103).